Work Order ID 95714 Page 1 January-18-13 10:03:17 AM Item ID: D2013-3 Accept *N900040100* Setup Start **Revision ID:** Mirror Bracket LH, 212 Item Name: **Start Qty:** 4.00 **Start Date:** 1/10/13 **Cust Item ID:** Required Date: 1/31/13 **Req'd Qty:** 4.00 **Customer:** Reference: Run Process Plan: ML J Date: 13-01-18 Tooling: Date: Approvais: Stop Date: SPC (Y/N): Date: Sequence ID/ Tool # Plan Set Up/ Tool ID Accept Reject Reject Insp. Operation Work Center ID **Description Run Hours** Code Qty **Qty** Number Stamp **Draw Nbr Revision Nbr** D2013 Rev C 100 0.00 NC BRAKE *100* Brake NC 0.00 Memo 1-Punch as per template D2013-T3 and Dwg D2013 Brake NC 2-Flatten ends of D2013-3 tube as per Dwg D2013 using DT8545 3-Bend (1) tube as per Dwg D2013 using Jig DT8201 Identify as D2013-3. 4-Deburr as required

110

QC5- Inspect part completeness to step on W/O

0.00

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QC Quality Control

Memo

0.00

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13-56

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										DQA:	Date:	
NCR: Y	es / No				WORK ORDER NON-	COI	VFORM	MANCE / UP	DATE	,		
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Work Orde	or.				DISPOSITION					EPARTMENT	/PROCESS	
Work Orac					Rework	٦		Skid-tube	Crosstube	7	Water Jet	Engineering
Part N	No.				Scrap			Machining	Small Fab	Pro	d. Eng. Coor.	Quality
		•			Use-as-is		Thern	no orming	Finishing	Rec/Sto	re/Packaging	Other
NCR N	No				Work Order Update			Large Fab	Composite		Supplier	
Root				Descri	ption of work order update		nitial	Ac	tion	Sign &		
Cause	Date	Step	Qty		or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data												
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[Bending				Bend	Г	Grain		Γ	Ovalized		Pressure/Forced
	_	ot Conce	ntric to	o/s	BOM/Route		Hardwa	re	ŀ	Over/Under	tolerance	Temperature/Cure
	Cracks				Broken/Damaged		Inspecti	ior: Incomplete	ľ	Part Incorre	ct	Weld
	Crushed	/Crimped			Burrs		1	ions Incomplete/	Unclear	Part Lost/M	issing	Wrong Stock Pulled
	Cuffs				Contamination		Mainte			Part Moved		
	Heat Tre	at			Countersink		Mislabe	eled		Positioned V	Vrong	_
	Inspection	n Strip in	Tube		Cut Too Short		Misread	t		Power Loss/	'Surge	Other
	Ripples i	n Bend			Drill Holes		Offset		_			
	Torque V	Vaves in I	Extrusio	1 [Out of 0	Calibration				
	Turning :	Sequence	!		Finish		Out of S	Sequence				
	Wave/Tu	wist in Tu	be		Folio		Outside	Dimensions				

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Work Orde				*957				Page			
Item ID: Revision ID: Item Name:	D2013-3 Mirror Brack	et LH, 212		Accept	*N900	100)* s	etup Star Stop	ı V	S1* S2*	
Start Date: Required Date: Reference:	1/10/13 1/31/13	Start Qty: 4.00 Req'd Qty: 4.00	*4* *4*		Cust Item I Customer:	D:					
Approvals:		an:	Date:	Tooling: SPC (Y/N):	Date:			F	Run Star Stop	1/1	R1* R2*
Sequence ID/ Work Center II 120 *120* Packaging Packaging	D	Operation Description Identify as per dwg & Sto	ock Location: WA ou (Set Up/ Run Hours 0.00	Tool ID	Tool#	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp

0.00

0.00

QC21- Final Inspection - Work Order Release

Memo

130

130

Quality Control

Page 2

											DQA:	Date:			
NCR:	Yes	/ No				WORK ORDER NON-	COL	NFORM	MANCE / UP	DATE	•		*		
											QA Closed:	Date:			
Vork Ord	er:					DISPOSITION AGAINST					DEPARTMENT/PROCESS				
Part l	No.					Rework Scrap	Skid-tube Crosstube Small Fab			4	Water Jet d. Eng. Coor. re/Packaging	Engineering Quality Other			
NCR	No.					Use-as-is Thermoforming Finishing Work Order Update Large Fab Composi				Composite	, Rec/Stoi	Supplier	Other		
Root					Descr	ption of work order update	nitial Action			Sign &					
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector		
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парргочец	<u>. </u>	L <u>.</u>	<u>. </u>	1			FAUL	T CATE	L GCIRY		<u> </u>	,	,		
. Landi	ng (Gear				General							-		
*		Bending Centre No Cracks Crushed/O Cuffs Heat Trea Inspection Ripples in Torque W	Crimped. It In Strip in I Bend Vaves in E	Tube Extrusion	S	Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing		Instruct Mainte Mislabe Misread Offset Out of O	on Incomplete ioris Incomplete/i riance iled i	Unclear	Ovalized Over/Under Part Incorre Part Lost/M Part Moved Positioned V Power Loss/	ct sissing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other		
	ı	Turning S	equence		1	Finish	- 1	Out of S	Sequence						

Outside Dimensions

Wave/Twist in Tube

Folio

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January-18-13 10:03:17 AM

Work Order ID:

95714

Parent Item:

D2013-3

Parent Item Name:

Mirror Bracket LH, 212

Start Date: 1/10/13

Required Date: 1/31/13

Start Qty: 4.00

Required Qty: 4.00

Comments:

IPP Rev:A

New Issue 05-11-01 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TR0.750W.049		Purchased	No			100	f	418.9640	1.9473	₋ ,8.199158			

Location	Loc Otv	Loc Code	
MAT017	418.9640325		
109314	18.666		
111619	6		
112187	8		
120441	0.008734		
121170	234.89		
121666	15.134		
122312	26.37		
122468	109 895299	4	

M124768 x /21

											DQA:	Date:				
NCR:	Yes	/ No				WORK ORDER NON-CONFORMANCE / UPDATE										
											QA Closed:	Date:				
Work Order:						DISPOSITION		AGAINST DEPARTMENT/PROCESS								
						Rework	Skid-tube Crosstube				Water Jet	Engineering				
Part No.						Scrap			Machining	Small Fab	Pro	d. Eng. Coor.	Quality			
						Use-as-is Thermoforming			oforming	Finishing	Rec/Sto	Other				
NCR I	No. ِ					Work Order Update]		Large Fab	Composite		Supplier				
Root					Descri	ption of work order update		nitial	Ac	tion	Sign &					
Cause		Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector			
Doc/Data																
Equip/Tooling	Ш															
Operator	Ш						1									
Material																
Setup																
Other																
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Supplier																
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Landi	ng G	iear				General		_			_		_			
	Ш	Bending				Bend		Grain		L	Ovalized		Pressure/Forced			
		Centre No	ot Concer	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure			
		Cracks				Broken/Damaged		Inspecti	on Incomplete		Part Incorre	ct	Weld			
		Crushed/0	Crimped.			Burrs		Instructi	ioris Incomplete/	Unclear	Part Lost/M	issing	Wrong Stock Pulled			
		Cuffs				Contamination		Mainte	nance		Part Moved					
		Heat Trea	t			Countersink		Mislabe	led		Positioned \	Vrong	_			
	Inspection Strip in Tube					Cut Too Short		Misread			Power Loss/	Surge	Other			

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

Folio

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